

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,870,901 B1
APPLICATION NO. : 09/711684
DATED : March 22, 2005
INVENTOR(S) : Thorkell Gudmundsson et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, item [56]

Page 2, OTHER PUBLICATIONS, lines 25-26 read "...Models", ANSI Contribution TIE1.4/97-302 Technical Subcommittee Working Group Members, Spectral Compatibility,..." and should read --"...Models", ANSI Contribution TIE1.4/97-302 Technical Subcommittee Working Group Members, Spectral Compatibility,... --.

Column 1, line 15 reads "SPECTRAL MANAGEMENT AND OP ATION..." and should read -- SPECTRAL MANAGEMENT AND OPTIMIZATION...--.

Column 1, line 23 reads "...RELATIONSHIPS IN DYNAMIC NETWORKS", application..." and should read --"...RELATIONSHIPS IN DYNAMIC NETWORKS", application....--.

Column 7, line 52-53 reads "...premise equipment (CPE) 101, 103, 105, located on level A, are communicatively coupled to a central office (CO) ..." and should read -- ...premise equipment (CPE) 101, 103, 105, located on level A, is communicatively coupled to a central office (CO)--.

Column 8, line 37 reads "...161. Located at level A, the highest level of processing..." and should read -- ...161. Located at level A, the lowest level of processing....--.

Column 9, line 49 reads "...ADSL, HDSL, AM, thermal, etc.)" and should read -- ...ADSL, HDSL, AM, thermal, etc.). --.

Column 10, lines 29-30 read "... (transmit frequency 196 KHz) and SDSL (transmit frequency 580 KHz). Assuming that the magnitude of upstream..." and should read -- ... (transmit frequency 196 kHz) and SDSL (transmit frequency 580 kHz). Assuming that the magnitude of upstream... --.

Column 10, line 32 read "...figures show that six our of forty-nine results obtained for a..." and should read -- ...figures show that six out of forty-nine results obtained for a... --.

Column 10, line 48 reads "...to produce a posterior probability distributions from which..." and should read -- ...to produce a *posteriori* probability distributions... --.

Column 10, line 58 reads, "...nventors: John Josef Hensch, Thorkell Gudmundsson, Amir..." and should read -- ...inventors: John Josef Hensch, Thorkell Gudmundsson, Amir....--.

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Column 11, line 17 reads, "...state/non steady state transitions should be developed. An..." and should read -- ...state/non-steady state transitions should be developed. An...--.

Column 11, line 22 reads, "Bayeslan Estimation Techniques" and should read -- Bayesian Estimation Techniques --.

Column 11, line 38 reads, "...be written as conditional probability density function $p(x|y)$ " and should read --...be written as conditional probability density function $p(x|y)$. --.

Column 15, line 4 reads, "...if the corresponding event is in-domain or out-of domain..." and should read --...if the corresponding event is in-domain or out-of-domain... --.

Column 15, line 64 reads, "...603, 605 represent software modules deployed at various the..." and should read -- ...603, 605 represent software modules deployed at the... --.

Column 16, line 28 reads, "...service-types, such as ADSL, g.Lite, etc." and should read -- ...service-types, such as ADSL, G.Lite, etc. --.

Column 16, line 36 reads, "...uses 2BIQ modulation scheme, 784 kbps can be conveyed in..." and should read -- ...uses 2BIQ modulation scheme, 784 kbps can be conveyed in...--.

Column 17, line 21-22 reads, "...a separate layer at the CO level (e.g. an "aggregator" box) which processes all the data and then send only reports up..." and should read -- ...a separate layer at the CO level (e.g. an "aggregator" box) which processes all the data and then sends only reports up...--.

Column 17, line 56 reads, "...Digital Multi Tone (DTM) or aggregate (non-DMT);..." and should read -- ...Digital Multi Tone (DMT) or aggregate (non-DMT);... --.

Column 17, lines 57-58 read, "2. upstream and downstream attenuation Attenuation (ATN) for each active bin or aggregate;" and should read -- 2. upstream and downstream attenuation (ATN) for each active bin or aggregate; --.

Column 18, line 1 reads, "In one embodiment, DSLAM 131, 133 may provides access..." and should read -- In one embodiment, DSLAM 131, 133 may provide access... --.

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Column 18, lines 63-64 read, "...relevant bins or bin combinations (DMT), and generates an even log 711, 713, 715, which is forwarded to event manager..." and should read -- ...relevant bins or bin combinations (DMT), and generates an event log 711, 713, 715, which is forwarded to event manager... --.

Signed and Sealed this

Twenty-third Day of October, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office